

In The Claims:

Please amend claim 1 as set forth below:

1. (Once Amended) An injection molding apparatus for making a molded part, comprising:

an injection molding machine for injecting molten resin, said injection molding machine including a screw cylinder having a tip, a nozzle at said tip and a threaded screw advanceable in said screw cylinder for injecting molten resin from said nozzle, said injection molding machine further having structurally associated therewith a stationary portion and a movable mold portion forming a mold parting line therebetween;

a non-metallic injection mold comprising a cavity mold and a core mold forming a hollow therebetween for forming an injection molded product therein, said cavity mold being accessible by said stationary portion and said movable mold portion;

a first molten resin flow path extending from inside said screw cylinder to a terminal end of said hollow; and,

a pressure relief valve located on said mold parting line against said first molten resin flow path at said terminal end of said hollow and adapted to release said molten resin from said first molten resin flow path into said second molten resin when pressure of said molten resin in said first molten resin flow path exceeds a predetermined value thereby simultaneously releasing said molded part from said cavity mold.

Please cancel claims 5 and 6.